

FIG. 1

CD2BP1 PSTPIP	MMPQLQFKDA MMAQLQFRDA	FWCRDFTAHT FWCRDFTAHT	GVEVLLQRLL GVEVLLGRLL	DGRKMCKDME DGRKMCKDVE	ELLRQRAQAE ELLRQRAQAE	50
CD2BP1 PSTPIP	ERYGKELVQI ERYGKELVQI	ARKAGGQTEI ARKAGGQTEM	NSLRASFDSL NSLRTSFDSL	KQQMENVGSS KQQTENVGSA	HIQLALTLRE HIQLALALRE	100
CD2BP1 PSTPIP	ELRSLEEFRE ELRSLEEFRE	RQKEQRKKYE RQKEQRKKYE	AVMDRVQKSK AIMDRVQKSK	LSLYKKAMES LSLYKKTMES	KKTYEQKCRD KKAYDQKCRD	150
CD2BP1 PSTPIP	ADDAEQAFER ADDAEQAFER	ISANGHQKQV VSANGHQKQV	EKSQNKARQC EKSQNKAKQC	KDSATEAERV KESATEAERV	YRQSIAQLEK YRGNIEQLER	200
CD2BP1 PSTPIP	VRAEWEQEHR ARTEWEQEHR	TTCEAFQLQE TTCEAFQLQE	FDRLTILRNA FDRLTILRNA	LWVHSNQLSM LWVHCNQLSM	QCVKDDDELYE QCVKDDDELYE	250
CD2BP1 PSTPIP	EVRLTLEGCS EVRLTLEGCD	IDADIDSFQ VEGDINGFIQ	AKSTGTEPPA SKSTGREPPA	PVPYQNYYYDR PVPYQNYYYDR	EVTPLTSSPG EVTPLIGSPS	300
CD2BP1 PSTPIP	IQPSCGMIKR IQPSCGVIKR	FSGLLHGSPK FSGLLHGSPK	TTSLAASAAS TTP—SAPAAS	TETLTPTPER TETLTPTPER	NEGVYTAIAV NELVYASIEV	350
CD2BP1 PSTPIP	QEIQGNPASP QATQGNLNSS	AQEYRALYDY AQDYRALYDY	TAQNPDELDL TAQNSDELDI	SAGDILEVIL SAGDILAVIL	EGEDGWWTVE EGEDGWWTVE	400
CD2BP1 PSTPIP	RNGQRGFVPG RNGQRGFVPG	SYLEKL SYLEKL				416

FIG. 2

5' UTR

-216 gcggccgcgt cgacaacaaa acaggttgag ctttttcctc ccctcagaag ctctctctg  
-156 gctcgtggct gccttctgag tgttgacagac ggcgcggcc gggaagggg gcctgggcca  
-96 gccctgccag gactgggacg ctgctgctgg cgcctggccc tccatcaggc cagcctgtgg

→1F  
-36 caggagagtg agctttgccg cggcagacgc ctgaggatga tgccccagct gcagttcaaa  
↳ 1

25 gatgcctttt ggtgcaggga cttcacagcc cacacgggct acgaggtgct gctgcagcgg  
↳ 2

85 cttctggatg gcaggaagat gtgcaaagac atggaggagc tactgaggca gagggcccag  
↳ 3

145 gccgaggagc ggtacgggaa ggagctgggt cagatcgac ggaaggcagg tggccagacg  
↳ 2F

205 gagatcaact ccctgagggc ctcccttgac tccctgaagc agcaaatgga gaattgtggc  
↳ 4 ↳ 5

265 agctcacaca tccagctggc cctgacctg cgtgaggagc tgcggagtct cgaggagttt  
↳ 6

325 cgtgagaggc agaaggagca gaggaagaag tatgaggccg tcatggaccg ggtccagaag  
↳ 1R ↳ 3F

385 agcaagctgt cgtctacaa gaaggccatg gattccaaga agacatacga gcagaagtgc  
↳ 7

445 cgggacggcg acgacggga gcaggccttc gagegcatta gcgccaacgg ccaccagaag

505 caggtggaga agagtcagaa caaagccagg cagtgcagg actcggccac cgaggcagag  
↳ 8 ↳ 2R ↳ 9

565 cgggtataca ggcagagcat tgcgcagctg gagaaggtec gggetgagtg ggagcaggag

625 caccggacca cctgtgaggc ctttcagctg caagagtttg accggetgac cattctccgc  
A ↳ 10 ↳ 4F

685 aacGccctgt ggtgcacag caaccagctc tccatgcagt gtgtcaagga tgatgagctc  
C ↳ 11

745 tacGaggaag tgcgctgac gctggaaggc tgcagcatag acgcgcacat cgacagtttc  
↳ 3R ↳ 5F

805 atccaggcca agagcacggg cacagagccc ccgctccgg tgcctacca gaactattac  
↳ 1038R ↳ 12

865 gatcgggagg tcaccccgct gaccagcagc cctggcctac agccgtectg cggcatgata

925 aagaggttct ctggactgct gcacggaagt cccaagacca cttegttggc agcttctgct  
↳ 13

985 gcgtccacag agaccctgac ccccaecccc gagcgggaatg aggggtgtcta cacagccate  
↳ 14 ↳ 4R

1045 gcagtgcagg agatacaggg aaaccgggcc tcaccagccc aggagtaccg ggccgtctac  
↳ 6F

1105 gattatacag cgcagaaccc agatgagctg gacctgtccg cgggagacat cctggagggtg  
↳ 15

1165 atcctggaag gggaggatgg ctggtggact gtggagagga acgggcagcg tggcttcgct  
↳ 5R

1225 cctggttcct acctggagaa gctttgagga agggccagga gcccttcgg acctgccctg  
↳ 3' UTR

1285 ccagtggagc cagcagtgcc ccagcactg tccccacctt gctagggccc agaaccaagc

1345 gtcccccagc cccgagaggg agcctgtcgt ctcccaggga ataaaggagt gcgttctgtt

1405 ctaaaaaaaa aaaaaaaaaa aaaagtcgac gcggccgc  
↳ 6R